

INDUSTRIAL COMPONENT DATA

D4N-9120 D4N 0020E D4N9120 OMRON Plastic 1NC/1NO Sharp Roller plunger plug Connector M12

Brand: OMRON | Manufacturer Part Number: D4N-9120



Manufacturer	OMRON
MPN / Reference	D4N-9120
Catalog number	D4N9120
Category	End switch
Minimum order	1 Pcs
Document ID	EO-F4D0590B78
Generated	2026-07-27

Product Overview

Plastic 1NC/1NO Sharp Roller plunger plug Connector M12

Limit switch, D4N, M12 connector (1-conduit), 1NC/1NO (snap-action), roller lever (resin lever, resin roller)

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OMRON > Safety > D4N

Additional Product Information

Material housingPlasticActuator typeRoller leverActuator detailResin lever, Resin rollerConnection methodConnector
M12Cable entry directionBottomNumber of contacts, normally-open1Number of contacts, normally-closed1Make before
breakSwitch actionSnap action
ETIM for 170097 Sensors (EC000030)
Feature Name
Feature Value
Explosion safety category for dust (EF003998)
None
Construction type housing (EF004008)
Cuboid
Degree of protection (NEMA) (EF011959)
Other
Coating housing (EF001601)
Other

Degree of protection (IP) (EF005474)

IP67

Alignment of the control element (EF008793)

Roller cam straight

Type of control element (EF006976)

Roller lever

Type of interface for safety communication (EF003956)

None

Type of electric connection (EF003961)

Connector M12

Type of interface (EF006977)

None

Switching function (EF000189)

Quick-break switch

Housing material (EF001596)

Plastic

Explosion safety category for gas (EF003997)

None

Switching function latching (EF007447)

No

With status indication (EF001602)

No

Suitable for safety functions (EF001597)

Yes

Forced opening (EF006694)

Yes

Output electronic (EF006987)

No

Number of contacts as change-over contact (EF008257)

0

Number of contacts as normally open contact (EF008256)

1

Rated operation current I_e at AC-15, 230 V (EF001385)

3 A

Rated operation current I_e at DC-13, 125 V (EF007085)

0.55 A

Number of safety auxiliary contacts (EF006940)

0

Rated operation current I_e at DC-13, 230 V (EF001386)

0.27 A

Number of contacts as normally closed contact...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / D4N-9120 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.